# EPA's PSD Permit — Scope and Parts

Only covers <u>Air</u> Pollution, and
only: PM10, $SO_2$, $NO_x$, CO, Lead, Ozone

**BACT**    *<u>B</u>est <u>A</u>vailable <u>C</u>ontrol <u>T</u>echnology*

- Use best controls available anywhere
- Set emission limits  (pounds per hour)

**NAAQS**    *<u>N</u>ational <u>A</u>mbient <u>A</u>ir <u>Q</u>uality <u>S</u>tandards*

- Outdoor air standards set to protect health, including sensitive people

⁻based on health studies

## AQIA   *A̲ir Q̲uality I̲mpact A̲nalysis*

⁻Make sure outdoor air ~~impact~~ of emissions meets ambient health standards

⁻use computer model
⁻also look at visibility, and at PSD "increment"

## Compliance

Make sure emission limits are met
        inspections

⁻   ⁻continuous emissions monitoring